

NEWS

Geological Society of Minnesota

FIRST CLASS

MINNEAPOLIS, MINNESOTA



Ethel A. Shimek - Editor
2745 Colfax Ave. South
Minneapolis, MN 55408

RETURN REQUESTED

June, July, August, 1981 P2

OFFICERS

| | | |
|-----------|-----------------|------------------------------|
| Pres | Henry Gangle | 2925 Sumpter Ave N. Mpls |
| V. Pres | Dwight Robinson | 97 S. Victoria St. Paul |
| Sec'y | Joy Hutchinson | 3232 Woodbridge St. St. Paul |
| Treas | Elaine Fink | 1935 Girard Ave. S. Mpls |
| Directors | Virginia Baker | 5444 Logan Ave S. Mpls |
| | Dale Johnson | 11310 Co. Rd. 15 Plymouth |
| | Conrad Nelson | 900 Centennial Place Mpls. |
| | Elizabeth Olten | 1577 Fulham St. Paul |
| | Pat Wigton | 3349 Pierce St. N.E.Mpls |

A MESSAGE FROM THE PRESIDENT

With our summer activities about to begin, I'm looking forward to an exciting and fun-filled field trip to the Black Hills. This is an area of great attraction for tourists in general, and especially appropriate for members of the Geological Society. We will find minerals, land forms and fossils that are not commonly found in our own state.

I believe that field trips, as well as other activities, can be used as a magnet to attract new members. We will expand our organization if we let it be known that we have interesting activities; we welcome guests, and we want new members. It is through our joint efforts that we are able to have high quality programs and field trips.

Participate in as many programs as you can and enjoy this summer.

Henry Gangle, President.

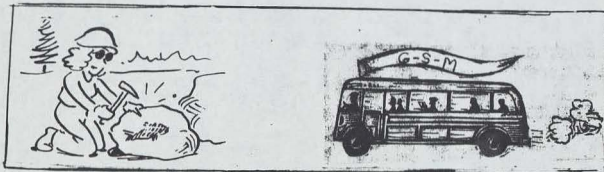
We will be seeking people to man our booth at the State Fair - thru August 27 - September 7. Three people for 4 hours each day for 12 days are needed, 36 in all.

Newsletter helpers: Ron Fraser ,typing; Bob Handschin, Bob and Marcia Gunnville, Helen Woodward, Henry Gangle, contributors; Jim Erickson , art; Irene and Ann Jaworski, Elaine Fink and children, Mailing and assembling.

FIELD TRIPS

P3

Summer field trips will be starting soon. These trips are a good way to learn about the geology of our area as you see it in front of you, in the company of a professional geologist. They also are a chance for us to have fun together in a stimulating atmosphere. If you want your name on the calling list or more information, contact Bob Gunville, 574-1421.



1. Sunday, June 7 -- The Paleozoic Rocks of Southeastern Minnesota, led by Gerald Webers, Macalester College, one day by car.

The sediments laid down by Ordovician seas in Southeastern Minnesota will be the subject for study on this trip. During the Cambrian and Ordovician Periods (570-435 M.Y.) shallow seas invaded this area a number of times. They left behind many different formations, a number of them fossiliferous. Jerry will show us the upper part of this Paleozoic column from Rochester and beyond. He will be continuing the field trip he began with us last year. He led this trip in 1972 for the Geological Society of America annual meetings.

2. Wednesday-Sunday, July 8-12 -- The Black Hills, led by William Roher, Macalester College, by car with group camping or motel.

This area has in miniature all the major features of the Colorado Rockies-- ancient igneous and metamorphic rocks which have been pushed upwards, overlying sedimentary rocks becoming flexed and upwarped by this movement, volcanic intrusives. This is a rich area for fossils and minerals as well as one of spectacular scenery. We will also be spending time studying the Badlands with their very different geologic structures. Three field days and two travel days are scheduled. A pre-trip organizational meeting will give those planning to go a chance to meet Bill and to see slides of some of the areas we will be visiting.

3. Tuesday, August 25, 7:15 p.m. -- The Milky Way Galaxy, a special Planetarium show at the Minneapolis Public Library, by Rod Nersisli, St. Paul Science Museum.

There will be a special presentation by Rod, who not only works for the St. Paul Science Museum but also is a long-time member of the G.S.M. He regularly gives the planetarium shows at the Minneapolis Public Library as part of his work. He has agreed to prepare a special in-depth Planetarium lesson on the stars for us. Guests are welcome. The library will charge a nominal fee of \$1.00 per person.

HINTS FOR FIELD TRIPPERS

Since our field trips are primarily for working rather than sight seeing, the following suggestions are offered:

- 1 / Clothing: Casual and practical, preferably layers that can be added or removed for maximum comfort; comfortable walking shoes or boots. Plastic rain coat and hood.
- 2 / Equipment: Plastic bags, masking tape, pens, note book, geologists hammer.
- 3 / Food and drink: We always have lunch in the field. Bring drinking water as well as other beverage. Busses do not have drinking water.
- 4 / Optional items: Camera, field glasses, hand lense, rain boots. Rock or fossil identification guides.
- 5 / Overnight: In addition to usual items, plan for more meals in the field with canned or dry foods that do not need refrigeration.
- 6 / Plan to spend the whole day; schedules tend to be flexible. We will return when we arrive.

Note: Minnesota Geological Survey has some booklets on mineral and fossil collecting.

BOARD DOINGS

Two Board Members resigned in May. Pat Wigton, former treasurer, because her job demanded more time, especially traveling out of town made it impossible to attend meetings. Virginia Baker has been admitted to U of M Graduate School to complete a degree in social work in addition to her regular job. She hopes to take part in field trips and to become active again in a couple of years.

Their good work is appreciated and we wish them luck.

Dick Uthe and George Johnson were appointed to the Board and will serve the rest of this year.

Special Notice

Due to too few members present for a quorum, another meeting is scheduled for June 22 at Gangles at 7:30 P.M.

Picnic June 14

P.5

The GSM Board invites all members and friends to come to a picnic on Sunday, June 14 at 1:00 p.m. at the Elm Creek Park Reserve Rest Stop on I-94. We will dedicate the display case and geological exhibit which was installed last December.

The exhibit is our current educational effort similar to that carried out between 1949-60 consisting of 33 bronze tablets installed at key sites in the state. The text, prepared by Marcia Gunville with the aid of the Minnesota Geological Survey, tells how Minnesota got its lakes. It is illustrated with appropriate pictures gathered by Sr. Joan Kain and enlarged and mounted by Minnesota Department of Transportation staff.

The beautiful Rest Stop is located on south bound I 94 about two miles northwest of the junction with I 494. To get there from Minneapolis and suburbs: Take I 94 or I 494 northbound to the 95th Ave. No. Exit. Cross over and go south on I 94 about one mile to the Rest Stop.

Put the date on your calendar! Don't forget your camera! Help make the scene for our GSM archives. Come and help dedicate our display.

Extensive grounds which are equipped with picnic tables, border Elm Creek where it flows into Rice Lake on its way to the Mississippi River. There's lots of room for kids to play, fishing is good. Indian mounds are another attraction.

LOOKING AHEAD

MINNESOTA STATE FAIR

Beginning August 27th, our booth in the Education Building will need three volunteers each day for 12 days. The stint at the booth is interesting and provides an opportunity to see the Fair as well.

Exhibiting at the Fair is our main publicity activity. It gives us a chance to acquaint a lot of people with our programs in geology. Many of you have learned about GSM at the Fair, and many can do their bit this way. To volunteer, call *Bob Handsechin* or *Carl Shumak* 872-4030 774-1431

September 28 Annual Meeting includes elections of board members and review of field trips and preview of lectures.

October 12 Lectures begin and continue on second and fourth Mondays.

Lost and Found

ATTENTION: Roberta Salzberg has someone's hammer. She discovered it after the St. Cloud trip. Call 644-2345.

WORKSHOP A SUCCESS

The annual GSM workshop on April 4th on the Colorado plateau was presented by members and was considered excellent. Thirty three persons turned out on a snowy spring morning at the Van Cleve Park recreation center, 15th and Como Avenues S.E., Minneapolis.

The Colorado Plateau was the general subject. Sister Joan Kain's outstanding color slides illustrated her talk very well. Discussions on dinosaurs and other geological phenomena of the area by Dwight Robinson and Dick Uthe. There was a film on mountain building and a map reading session. We were impressed by the quality of the presentations and the ability of the members who gave them.

The lunch break gave us an opportunity to chat and share goodies. As each workshop gets better than the one before, we wish there could be several during the year.

The following attended, 33 in all.

Grace Benz
Fred Bradford
Pat Brennen
Ruth Brown
Pearl Downey
Harriet Fraser
Fern Belle Frost
Henry Gangle
Bob and Marcia
Gunnville

Al Hage
Fred and Olga
Hallberg
Bob Handschin
Jay Hutchinson
Russell Johnson
Sr. Joan Kain
Mary Kimball
Fred Latimore
Marlys Lowe
Dick Uthe

William and Bernadine
McAuley
William Miller
Conrad Nelson
Jack Nesheim
Clarence and Liz Ooten
John Prokop
Nancy Read
Ethel Shimek
Ted Stilson
Eva Selander

MATSCH WINS AWARD

Charles L. Matsch, UMD Department of Geology, received one of the 1981 Horace T. Morse-Amoco Awards for Outstanding Contributions to Undergraduate Education.

Congratulations, Charlie. Matsch has long been a favorite because of his patience and untiring efforts to help his students including GSM members. We have come to know him over the years and consider him as one of our very best friends.

He was the only one of seven UMD geology faculty members who were so honored this year.